

AMENDMENTS TO THE SEQUENCE LISTING

IN THE SEQUENCE LISTING

Please replace the Sequence Listing of record with the Substitute Sequence Listing enclosed herewith.

REMARKS

Enclosed herewith in full compliance with 37 C.F.R. §§1.821-1.825 is a Substitute Sequence Listing to be inserted into the specification as indicated above. The Substitute Sequence Listing in no way introduces new matter into the specification. Also submitted herewith in full compliance with 37 C.F.R. §§1.821-1.825 is a disk copy of the Substitute Sequence Listing. The disk copy of the Sequence Listing, file "2006-04-21 0760-0347PUS1.ST25.txt", **is identical to the paper copy**, except that it lacks formatting.

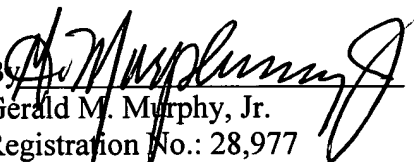
The specification is amended to reference each nucleotide and amino acid sequence with a corresponding SEQ ID NO. The Sequence Listing is amended to identify the present application by filing date and serial number. No new matter is introduced by these amendments.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to our Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

If the Examiner has any questions concerning this application, the Examiner is requested to contact Gerald M. Murphy, Jr., Reg. No. 28,977 at the telephone number of (703) 205-8000.

Dated: April 24, 2006

Respectfully submitted,

By 
Gerald M. Murphy, Jr.
Registration No.: 28,977

BIRCH, STEWART, KOLASCH & BIRCH, LLP
8110 Gatehouse Road
Suite 100 East
P.O. Box 747
Falls Church, Virginia 22040-0747
(703) 205-8000
Attorney for Applicant

Attachments: Disk Copy of Sequence Listing
Paper Copy of Sequence Listing
Copy of Notice to Comply